

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)
2. (Currently Amended) The reception display apparatus of Claim 1, A reception display apparatus for receiving data blocks which are repeatedly transmitted from a broadcasting station at regular intervals and displaying a screen image based on the received data blocks, each of the data blocks including a data section, and data to be displayed as the screen image being divided into a plurality of data sections, the reception display apparatus comprising:
a reception means for receiving the data blocks;
a data judgment means for judging whether the data section in each received data block is normal;
a storage means for storing every data section judged as normal by the data judgment means without storing data sections judged as abnormal;
a condition judgment means for judging, before all data sections to be displayed as the screen image are stored in the storage means, whether a condition for displaying the screen image is satisfied; and
a display means for displaying, when the condition judgment means judges that the condition is satisfied, a part of the screen image using data sections currently stored in the storage means; wherein
the data judgement judgment means generates, when having judged that a data section is not normal, information indicating that the data section is abnormal, and stores the information into the storage means, and

the display means displays either a blank or a notice indicating abnormality of the data section, at a position in the screen image where the data section indicated as abnormal by the information stored in the storage means should be displayed.

3. (Original) The reception display apparatus of Claim 2, wherein the screen image is either displayed at once on a screen or viewed by scrolling by a user.
4. (Original) The reception display apparatus of Claim 3, wherein the screen image corresponds to one of (1) a file including information used for referring to another file and (2) Hyper Text file, and the display means displays a part of the screen image using data sections of one of the file including information used for referring to another file and the Hyper Text file currently stored in the storage means.
5. (Cancelled)
6. (Currently Amended) A reception display apparatus for receiving data blocks which are repeatedly transmitted from a broadcasting station at regular intervals and displaying a screen image based on the received data blocks, each of the data blocks including (1) a data section constituting original data to be displayed as the screen image and (2) protocol information indicating a position of the data section in the original data, the original data being divided into a plurality of data sections, the reception display apparatus comprising:
a reception means for receiving the data blocks;
a data judgement judgment means for judging whether the data section in each received data block is normal;

a storage means for storing (1) the protocol information included in each data block received by the reception means and (2) data sections judged as normal by the data judgement judgment means, the storage means not storing data sections judged as abnormal, and each piece of stored protocol information showing correspondence to a data section from a same data block;

a condition judgement judgment means for judging, before all data sections to be displayed as the screen image are stored in the storage means, whether all pieces of protocol information for the screen image have been stored in the storage means; and

a display means for, when the condition judgement judgment means judges that all pieces of protocol information for the screen image have been stored in the storage means, displaying a part of the screen image using the data sections currently stored in the storage means and all pieces of protocol information stored in the storage means.

7. (Currently Amended) The reception display apparatus of Claim 6, wherein the data judgement judgment means judges whether the protocol information in each received data block is normal and then judges for each data block that includes protocol information judged as normal whether the data section in the data block is normal, and the storage means stores every piece of protocol information judged as normal.
8. (Original) The reception display apparatus of Claim 6, wherein when a data section is not stored in the storage means and a piece of protocol information corresponding to the data section is stored in the storage means, the display means displays either a blank or a notice indicating abnormality of the data section, at a position in the screen image which is indicated by the piece of protocol information.

9. (Original) The reception display apparatus of Claim 6, wherein
 - each piece of protocol information indicates a display area in the screen image corresponding to a data section included in the same data block, and
 - the display means recognizes a display area on the screen image corresponding to a data section not stored in the storage means as a non-display area, and displays in the non-display area, which is indicated by a piece of protocol information corresponding to the data section not stored in the storage means, either a blank or information indicating that a data section has not been received normally.
10. (Original) The reception display apparatus of Claim 6, wherein
 - each piece of protocol information further indicates a data size of a data section included in the same data block, and
 - the display means generates a non-display area at a position in the screen image where a data section not stored in the storage means should be displayed, the non-display area having a size equivalent to a data size of the data section not stored in the storage means, and the data size and the position being indicated by a piece of protocol information stored in the storage means and corresponding to the data section not stored in the storage means.
11. (Currently Amended) The reception display apparatus of Claim 6, wherein
 - the received data blocks belong to a lowest layer of a plurality of layers, the data blocks in the lowest layer being generated through the plurality of layers from the original data in a highest layer so that each data block in each layer includes (1) a data section which constitutes a data block in a next-higher layer and (2) a piece of protocol information which indicates a position of the data section included in the same data block, the highest layer not including protocol information but consisting of the original data which corresponds to the screen image,
 - the receiving means receives each data block in the lowest layer,

the data judgement judgment means judges whether the data section in each received data block is normal,

the storage means stores (1) the protocol information included in each data block received by the reception means and (2) every data section judged as normal by the data judgement judgment means,

the condition judgement judgment means judges, before all data sections constituting a data block in a second-lowest layer are stored in the storage means, whether all pieces of protocol information necessary for the data block in the second-lowest layer have been stored in the storage means,

when having judged so, reconstructs the data block in the second-lowest layer by using data sections in the lowest layer currently stored in the storage means and all corresponding pieces of protocol information in the lowest layer stored in the storage means,

repeats such a reconstruction of a data block until the condition judgement judgment means judges, before all data sections constituting the original data in the highest layer are reconstructed, that all pieces of protocol information necessary for reconstructing the original data in the highest layer have been prepared, and

at this point of time, the display means displays a part of the screen image using the data sections in the second-highest layer having been reconstructed so far and the all pieces of protocol information in the second-highest layer necessary for reconstructing the original data in the highest layer.

12. (Original) The reception display apparatus of Claim 6, wherein the screen image is either displayed at once on a screen or viewed by scrolling by a user.

13. (Original) The reception display apparatus of Claim 11, wherein
the screen image corresponds to one of (1) a file including information used for referring
to another file and (2) a Hyper Text file, and
the display means displays a part of the screen image using data sections of one of the file
including information used for referring to another file and the Hyper Text file
currently stored in the storage means.

14. (Cancelled)

15. (Currently Amended) The reception display method of Claim 14, A reception display
method for receiving data blocks which are repeatedly transmitted from a broadcasting
station at regular intervals and displaying a screen image based on the received data
blocks, each of the data blocks including a data section, and data to be displayed as the
screen image being divided into a plurality of data sections, the reception display method
comprising:
a reception step for receiving the data blocks;
a data judgment step for judging whether the data section in each received data block is
normal;
a storage step for storing every data section judged as normal in the data judgment step
without storing data sections judged as abnormal;
a condition judgment step for judging, before all data sections to be displayed as the
screen image are stored, whether a condition for displaying the screen image is
satisfied; and
a display step for, when the condition judgment step judges that the condition is satisfied,
displaying a part of the screen image using currently stored data sections; wherein
the data judgement judgment step generates, when having judged that a data section is
not normal, information indicating that the data section is abnormal, and stores the
information, and

the display step displays either a blank or a notice indicating abnormality of the data section, at a position in the screen image where the data section indicated as abnormal by the stored information should be displayed.

16. (Currently Amended) A reception display method for receiving data blocks which are repeatedly transmitted from a broadcasting station at regular intervals and displaying a screen image based on the received data blocks, each of the data blocks including (1) a data section constituting original data to be displayed as the screen image and (2) protocol information indicating a position of the data section in the original data, the original data being divided into a plurality of data sections, the reception display method comprising:
 - a reception step for receiving the data blocks;
 - a data ~~judgement~~ judgment step for judging whether the data section in each received data block is normal;
 - a storage step for storing (1) the protocol information included in each data block received in the reception step and (2) data sections judged as normal in the data ~~judgement~~ judgment step, the storage step not storing data sections judged as abnormal, and each piece of stored protocol information showing correspondence to a data section from a same data block;
 - a condition ~~judgement~~ judgment step for judging, before all data sections to be displayed as the screen image are stored, whether all pieces of protocol information for the screen image have been stored; and
 - a display step for, when the condition ~~judgement~~ judgment step judges that all pieces of protocol information for the screen image have been stored, displaying a part of the screen image using the currently stored data sections and all pieces of stored protocol information.
17. (Cancelled)

18. (Currently Amended) ~~The computer readable record medium of Claim 17, A computer-readable record medium recording a reception display program for receiving data blocks which are repeatedly transmitted from a broadcasting station at regular intervals and displaying a screen image based on the received data blocks, each of the data blocks including a data section, and data to be displayed as the screen image being divided into a plurality of data sections, the reception display program causing a computer to execute:~~

a reception step for receiving the data blocks;

a data judgment step for judging whether the data section in each received data block is normal;

a storage step for storing every data section judged as normal in the data judgment step without storing data sections judged as abnormal;

a condition judgment step for judging, before all data sections to be displayed as the screen image are stored, whether a condition for displaying the screen image is satisfied; and

a display step for, when the condition judgment step judges that the condition is satisfied, displaying a part of the screen image using currently stored data sections; wherein the data judgement judgment step generates, when having judged that a data section is not normal, information indicating that the data section is abnormal, and stores the information, and

the display step displays either a blank or a notice indicating abnormality of the data section, at a position in the screen image where the data section indicated as abnormal by the stored information should be displayed.

19. (Currently Amended) A computer-readable record medium recording a reception display program for receiving data blocks which are repeatedly transmitted from a broadcasting station at regular intervals and displaying a screen image based on the received data blocks, each of the data blocks including (1) a data section constituting original data to be displayed as the screen image and (2) protocol information indicating a position of the data section in the original data, the original data being divided into a plurality of data sections, the reception display program causing a computer to execute:

- a reception step for receiving the data blocks;
- a data ~~judgement~~ judgment step for judging whether the data section in each received data block is normal;
- a storage step for storing (1) the protocol information included in each data block received in the reception step and (2) data sections judged as normal in the data ~~judgement~~ judgment step, the storage step not storing data sections judged as abnormal, and each piece of stored protocol information showing correspondence to a data section from a same data block;
- a condition ~~judgement~~ judgment step for judging, before all data sections to be displayed as the screen image are stored, whether all pieces of protocol information for the screen image have been stored; and
- a display step for, when the condition ~~judgement~~ judgment step judges that all pieces of protocol information for the screen image have been stored, displaying a part of the screen image using the currently stored data sections and all pieces of stored protocol information.